

Sub B'2

142. (Amended) [The method of claim 93, and further comprising:]

A method of performing a hierarchical coding, comprising:

forming an image data of a second hierarchy having a number of pixels which is smaller than that of an image data of a first hierarchy;

correcting the image data of the second hierarchy and generating a corrected data;

predicting the image data of the first hierarchy in accordance with the corrected data and generating a predicted data of the first hierarchy having a plurality of predicted pixels;

calculating predictive error of the predicted data of the first hierarchy with respect to the image data of the first hierarchy;

determining suitability of the corrected data in accordance with the predicted error;

transmitting the corrected data as the image data of the second hierarchy in accordance with the determined result; and

transmitting the corrected data as the image data of the second hierarchy in accordance with the determined result.

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REMARKS

Claims 17-29, 63-75 and 123-142 are now pending in this application. Claims 137-142 have each been rewritten into independent form so as to not depend from an unelected, now cancelled, base claim. The specification has been amended to conform the specification to the drawings. It is respectfully submitted that such amendments are supported by the specification, claims, abstract of the disclosure and the drawings as originally filed, and that no new matter has been added.

The Examiner's early examination and consideration is respectfully requested.

Respectfully submitted,
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